



State of New Hampshire  
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095  
(603) 271-3406 FAX (603) 271-7894



February 5, 2002  
Letter of Deficiency  
DAM #063.41

Mr Leo Roy  
Yvon Cormier Construction Corporation  
59 Chandler Circle  
Andover, MA 01810

RE: Derry Meadow Shoppes Detention Pond No. , Derr

Dear Mr. Roy

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that plays a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on October 3, 2001. During this visual inspection and/or file review, the following deficiencies were observed:

- 1 There was brush and trees along the upstream and downstream embankments and on the crest of the dam;
- 2 There was brush around the outlet structures of the dam;
- 3 There appeared to be voids around the exterior of the 21-inch RCP outlet pipe;
- 4 There was no operation and maintenance plan on file with the DES;
- 5 DES never received as-built drawings of the dam following construction in 1992; and

The outlet of the uppermost detention pond was plugged with plastic trash bags.

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

**March 1, 2002:**

Complete and operation and maintenance plan. Please refer to the enclosed guideline and example plan;

Remove the blockage from the outlet of the uppermost detention pond;

Provide the Department of Environmental Services (NHDES) with as-built drawings of the dam. If the berms for the four upstream detention ponds are higher in elevation than the registered dam, these will require registration with NHDES as existing dams;

Letter of Deficiency  
Dam #063.41  
February 5, 2002  
pg. 2

**June 1, 2002:**

4. Investigate whether there are voids around the exterior of the 21-inch RCP outlet pipe. Repair as necessary;
5. Remove brush and trees along the upstream and downstream embankments and on the crest of the dam. Verify that there is an emergency spillway as originally proposed in the permitted design; and
6. Remove brush around the outlet structures of the dam

DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,

 **COPY**

Grade E. Levergood, P.E.  
Dam Safety Engineer

Attachments Guideline for an O&M plan, DB8, DB13

cc: Gretchen Rule

Town of Derry

Tom Lannan

Certified # 7099 3400 0002 9772 9332

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